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IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant: Gill, et al. Examiner: unknown
Serial No.: 09/745687 Group Art Unit: 1645
Filed: December 22, 2000 Docket: 7500.355US01
Notice of Allow. Date: Batch No.:
Due Date:
Title: IMPROVEMENTS IN RELATING TO IDENTIFICATION

CERTIFICATE UNDER 37 CFR 1.10
'Express Mail' mailing label number: EL815520715US
Date of Deposit: April 9, 2001
I hereby certify that this paper or fee is being deposited with the United States Postal Service 'Express Mail Post Office To Addressee' service under 37 CFR 1.10 on the date indicated above and is addressed to the Assistant Commissioner of Patents and Trademarks, Washington, D.C. 20231.
By: Yolanda Gray
Yolanda Gray

BOX MISSING PARTS
Assistant Commissioner for Patents
Washington, D.C. 20231

Sir:

We are transmitting herewith the attached:

- ☒ Transmittal Sheet in duplicate containing Certificate of Mailing
- ☒ Signed Combined Declaration and Power of Attorney
- ☒ Submission of Formal Drawings, 11 Formal Drawings
- ☒ Check(s) in the amount of \$130.00 for MISSING PARTS FEE
- ☒ Computer readable form of Sequence Listing. Applicants state that the paper copy form of the 3 pages of Sequence Listing section of the present application, and the computer readable form submitted herewith, are the same.
- ☒ Other: Submission of Missing Parts, Copy of Notification of Missing Parts
- ☒ Return postcard

Please consider this a PETITION FOR EXTENSION OF TIME for a sufficient number of months to enter these papers, if appropriate. Please charge any additional fees or credit overpayment to Deposit Account No. 13-2725. A duplicate of this sheet is enclosed.

MERCHANT & GOULD P.C.
P.O. Box 2903, Minneapolis, MN 55402-0903
612.332.5300

By: John J. Gresens
Name: John J. Gresens
Reg. No.: 33,412
JJGresens/rw





S/N 09/745687

PATENT

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

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|-------------|--|-----------------|--------------|
| Applicant: | GILL, et al. | Examiner: | Unknown |
| Serial No.: | 09/745687 | Group Art Unit: | 1645 |
| Filed: | December 22, 2000 | Docket No.: | 7500.355US01 |
| Title: | IMPROVEMENTS IN RELATING TO IDENTIFICATION | | |

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CERTIFICATE UNDER 37 CFR 1.8: The undersigned hereby certifies that this correspondence and the paper(s), as described herein, are being deposited in the United States Postal Service, as first class mail, with sufficient postage, in an envelope addressed to: Commissioner for Patents, Washington, D.C. 20231, on December 3, 2001.

By:

Peggy Kerkove

SUPPLEMENTAL INFORMATION DISCLOSURE STATEMENT (37 C.F.R. § 1.97(b))

Commissioner for Patents
Washington, D.C. 20231

Dear Sir:

With regard to the above-identified application, the items of information listed on the enclosed Form 1449 are brought to the attention of the Examiner. At least some of the references were recently cited in an International Search Report mailed August 23, 2001.

This statement should be considered because it is submitted before the mailing date of a first Office Action on-the-merits. Accordingly, no fee is due for consideration of the items listed on the enclosed Form 1449.

In accordance with 37 C.F.R. §1.98(a)(2), a copy of each document or other information listed on the enclosed Form 1449 is provided. Enclosed for the Examiner's information is a copy of the International Search Report. Applicant hereby brings attention to the Examiner that they have commonly assigned co-pending applications Serial No. 09/624,267, filed July 24, 2000 and Serial No. 09/834,822, filed April 13, 2001.

No representation is made that a reference is "prior art" within the meaning of 35 U.S.C. §§ 102 and 103 and Applicants reserve the right, pursuant to 37 C.F.R. § 1.131 or otherwise, to

A. CLASSIFICATION OF SUBJECT MATTER
IPC 7 C1201/68

According to International Patent Classification (IPC) or to both national classification and IPC

2
B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)

IPC 7 C120

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the international search (name of data base and, where practical, search terms used)

EPO-Internal, BIOSIS, WPI Data, CHEM ABS Data, MEDLINE

C. DOCUMENTS CONSIDERED TO BE RELEVANT

| Category * | Citation of document, with indication, where appropriate, of the relevant passages | Relevant to claim No. |
|------------|--|-----------------------|
| X | CURRAN J.M. ET AL.: "Interpreting DNA mixtures in structured populations" JOURNAL OF FORENSIC SCIENCE, vol. 44, no. 5, September 1999 (1999-09), pages 987-995, XP001012652 ✓ | 1-7,9,11 |
| Y | abstract the whole document --- | 8,12-20 |
| Y | WEIR B.S. ET AL.: "Interpreting DNA mixtures" ✓ JOURNAL OF FORENSIC SCIENCE, vol. 42, no. 2, March 1997 (1997-03), pages 213-222, XP001012657 the whole document --- | 8,12-20 |

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☒ Further documents are listed in the continuation of box C.

☐ Patent family members are listed in annex

^a Special categories of cited documents :

A document defining the general state of the art which is not considered to be of particular relevance

C earlier document but published on or after the international filing date

* "L" document which may throw doubts on priority claim(s) or which is cited to establish the publication date of another citation or other special reason (as specified)

O document referring to an oral disclosure, use, exhibition or other means

P document published prior to the international filing date but later than the priority date claimed

1 later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention

X document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone

Y document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art.

8 document member of the same patent family

Date of the actual completion of the international search

10 August 2001

Date of mailing of the international search report

23/08/2001

Name and mailing address of the ISA

European Patent Office, P.B. 5818 Patentlaan 2
NL - 2280 HV Rijswijk
Tel. (+31-70) 340-2040, Tx. 31 651 epo nl,
Fax: (+31-70) 340-3016

Authorized officer _____

Luzzatto, E

| C.(Continuation) DOCUMENTS CONSIDERED TO BE RELEVANT | | |
|--|---|-----------------------|
| Category * | Citation of document, with indication, where appropriate, of the relevant passages | Relevant to claim No. |
| A | CLAYTON T.M. ET AL.: "Analysis and interpretation of mixed forensic strains using DNA STR profiling" FORENSIC SCIENCE INTERNATIONAL, vol. 91, 1998, pages 55-70, XP001013202 ✓ cited in the application the whole document --- | 1 |
| A | GILL P. ET AL.: "Interpreting simple mixtures using allele peak areas" FORENSIC SCIENCE INTERNATIONAL, vol. 91, 9 January 1998 (1998-01-09), ✓ pages 41-53, XP001012655 the whole document --- | 1-20 |
| T | P. GILL: "An assessment of the utility of singlenucleotide polymorphisms (SNPs) for forensic purposes" INTERNATIONAL JOURNAL OF LEGAL MEDICINE, vol. 114, April 2001 (2001-04), pages 204-210, XP001013058 ----- | |